



U.S. Department
of Transportation
**Research and
Special Programs
Administration**

FEB 13 2001
400 Seventh St., S.W.
Washington, D.C. 20590

DOT-E 11180
(EIGHTH REVISION)

EXPIRATION DATE: January 31, 2002

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Affival, Incorporated
Amherst, NY
2. PURPOSE AND LIMITATION: This exemption authorizes the transportation in commerce of metal tubing which contains hazardous materials listed in paragraph 6 of this exemption and exempts the metal tubing from the packaging, marking, labeling, and placarding requirements of the Hazardous Materials Regulations. This exemption provides no relief from any Hazardous Materials Regulations (HMR) other than as specifically stated herein.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR Part 172 Subparts D, E, and F; and 173.24(c), and Subparts E and F of Part 173.
5. BASIS: This exemption is based on the application of Affival, Incorporated dated September 19, 2000, submitted in accordance with § 107.109.

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6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Proper Shipping Name/Hazardous Materials Description	Hazard Class/ Division	Identification number	Packing Group
Aluminum powder, coated; Silicon powder, amorphous; sulfur; Titanium sponge granules or Titanium sponge powders; Flammable solid, inorganic, n.o.s.; Flammable solid, toxic, inorganic, n.o.s.; or Metal powders, flammable, n.o.s., as appropriate	4.1	UN1309, UN1346, UN1350, UN2878, UN3178, UN3179 or UN3089, as appropriate	III
Antimony or tellurium and any other material classed in Division 6.1, Packing Group III acknowledged in writing by the Office of Hazardous Materials Exemptions and Approvals prior to the first shipment	6.1	As appropriate	III
Calcium	4.3	UN1401	II
Generic or specific materials listed in Table 172.101 that meet the definition of 4.3, Packing Group III.	4.3	As appropriate	III
Sulfur or Environmentally hazardous substances, solid, n.o.s., as appropriate	9	NA1350 or UN3077, as appropriate	III

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7. SAFETY CONTROL MEASURES:

PACKAGING - The hazardous material must be in the core of a metal tube and the seam of the tube must be sealed with a vapor tight double overlapped locked seam (identified in drawing 11B1, submitted by the applicant on August 5, 1994 on file the Office of Hazardous Materials Exemptions and Approvals).

- a. The tube is limited to a maximum diameter of 25 mm (1 inch) and can not exceed 1 kg (2.2 pounds) of hazardous material per meter.
- b. The tube is limited to 10,000 meters per reel or cage.
- c. The ends of the tube must be sealed with a suitable vapor tight cap.

8. SPECIAL PROVISIONS:

a. Persons who receive the packages covered by this exemption may reoffer them for transportation provided no modifications or changes are made to the packages, all terms of this exemption are complied with and a current copy of this exemption is maintained at each facility from which such reoffering occurs.

b. MARKING - The reel or cage must be marked with "DOT-E 11180" in letters at least 2 inches high on a contrasting background.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle, rail freight, and cargo vessel.10. MODAL REQUIREMENTS: A current copy of this exemption must be carried aboard each cargo vessel used to transport packages covered by this exemption.11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:

- o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.

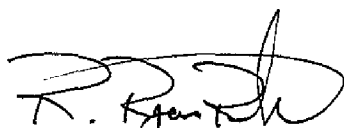
- o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this exemption, including display of its number, when the exemption has expired or is otherwise no longer in effect.

12. REPORTING REQUIREMENTS: The carrier is required to report any incident involving fire, explosion or loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (Sections 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must inform the AAHMS, in writing, of any incidents involving the package and shipments made under the terms of this exemption.

Issued at Washington, D.C.:



Robert A. McGuire
Associate Administrator
for Hazardous Materials Safety

FEB 13 2001
(DATE)

Address all inquiries to: Associate Administrator for
Hazardous Materials Safety, Research and Special Programs
Administration, Department of Transportation, Washington, D.C.
20590.
Attention: DHM-31.

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PO: sdc